

AMENDMENTS TO THE CLAIMS:

1. (currently amended) An additive for hydrocarbon fuels, comprising:  
active components including:  
a hydrocarbon mixture in the range of approximately 60% to 76% by volume;  
~~hydrotreated petroleum~~ distillates ~~that have been processed by a hydrotreating process~~ in the range of approximately 10% to 16% by volume;  
at least one predetermined vapor phase inhibitor; and  
at least one predetermined surfactant.
2. (original) The additive of claim 1, wherein:  
said active components also include petroleum amines.
3. (currently amended) The additive of claim 1, wherein:  
said active components ~~hydrocarbon mixture~~ also include includes at least one aromatic hydrocarbon.
4. (currently amended) The additive of claim 2, wherein:  
said active components ~~hydrocarbon mixture~~ also include includes at least one aromatic hydrocarbon.
5. (original) The additive of claim 1, wherein:  
said active components include a blend of vapor phase inhibitors.

6. (original) The additive of claim 2, wherein:  
said active components include a blend of vapor phase inhibitors.

7. (original) The additive of claim 3, wherein:  
said active components include a blend of vapor phase inhibitors.

8. (original) The additive of claim 4, wherein:  
said active components include a blend of vapor phase inhibitors.

9. (original) The additive of claim 1, wherein:  
said active components include anionic and ionic surfactants.

10. (original) The additive of claim 2, wherein:  
said active components include anionic and ionic surfactants.

11. (original) The additive of claim 3, wherein:  
said active components include anionic and ionic surfactants.

12. (original) The additive of claim 4, wherein:  
said active components include anionic and ionic surfactants.

13. (original) The additive of claim 5, wherein:  
said active components include anionic and ionic surfactants.

14. (original) The additive of claim 6, wherein:

said active components include anionic and ionic surfactants.

15. (original) The additive of claim 7, wherein:

said active components include anionic and ionic surfactants.

16. (original) The additive of claim 8, wherein:

said active components include anionic and ionic surfactants.

17. (original) The additive of claim 2, wherein:

said petroleum amines are included in the range of approximately 5% to 8% by volume.

18. (original) The additive of claim 4, wherein:

said petroleum amines are included in the range of approximately 5% to 8% by volume.

19. (original) The additive of claim 6, wherein:

said petroleum amines are included in the range of approximately 5% to 8% by volume.

20. (original) The additive of claim 8, wherein:

said petroleum amines are included in the range of approximately 5% to 8% by volume.